1. Create a new CSV file named EmployeeInfo.csv with the columns EmpNo, EmpName, EmpDesignation, Empsalary, EmpDeptNo, EmpIsPermenant, and EmpDeptNo can be in (10, 20, 30, 40). Add upto 20 records and upload this file in a bucket.

2. Create a new csv file named Customers.csv with the columns CustId, Name, LastName, ProductId, City, Balance, IsActive and add 30 records and upload this file to the Google Drive.

3. Create a Cloud SQL service and add a new SQL instance. Then add a public IP address, new user with password, after all this, create a new DB with a name WorkDB and it should contain 2 tables named DeptInfo and ProductDetails. The DeptInfo should contain DeptNo(PrimaryKey), DeptName, DeptLocation and add 4 records. DeptNo should be (10, 20, 30, 40). Then ProductDetails table should contain PId(primary Key), Pname, pcategory, pprice, pisInStock and add 5 products.

4. Create a new BigQuery service in which create the dataset named taskDS. Inject the data from bucket, google drive and from Cloud SQL service and at last you'll have 4 tables in the BigQuery Dataset.

5. At last, create these queries in separate query files.

equi join to get all the common records for Employee and Dept

equi join to get all the common records from Customers and Products

group by all the employees by deptNo,which will show how many employee works in every dept







